Special Delivery Maternal Child Health 2012 Health Indicators At A Glance:

Indicator	Special Delivery 2012	HP 2020 Goal	Met 2020 Goal?
Low Weight Births	6.8%	7.8%	Yes
Preterm Births	15.3%	11.4%	No
Early Prenatal Care	69.5%	77.9%	No

Special Delivery Case Management is a part of the Frederick County Health Department's, Maternal Child Health Program. It is provided by nurse case managers who promote the health of pregnant women and their infants. Eligible pregnant women must meet one or more of the nine risk criteria (no dental care in more than 12 months, OB history of low birth weight, OB history of premature labor, current/last 6 months history of alcohol use, current/last 6 months history of tobacco use, illegal drug use with the last 6 months, teen pregnancy, history of depression or more than 20 weeks gestation at first prenatal visit) to be selected for case management outreach. Our services are offered on a voluntary basis to women with the highest pregnancy risks. Program data, therefore, may be compromised for this reason and also due to drop off participation.

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SPECIAL DELIVERY
Case Management Service
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350 Montevue Lane
Frederick, Maryland 21702

The Frederick County Health Department provides services to all citizens of Frederick County regardless of gender, race, color, creed, physical ability, religion, national origin or any other socially constructed difference.

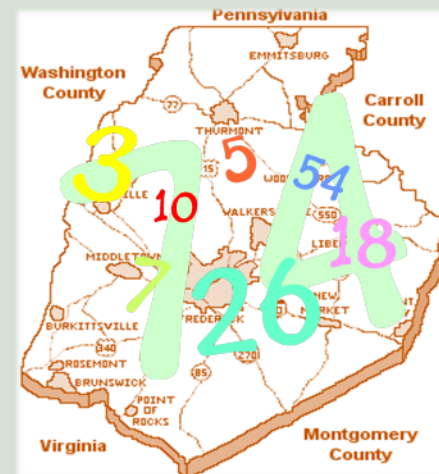Department of Health and Mental Hygiene
1-877-463-3464

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11/15/2013 FCHD

Frederick County Health Department's

SPECIAL DELIVERY

2012
HEALTH INDICATOR REVIEW FOR CASE MANAGEMENT

Frederick

Public Health
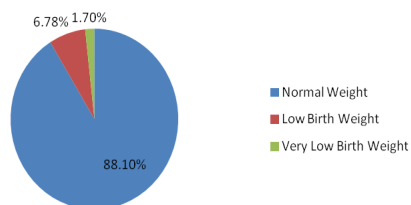Prevent. Promote. Protect.
Frederick County Health Department

Low Birth Weight

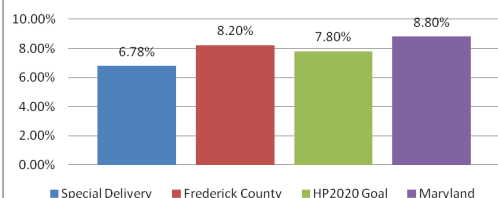*Low birth weight is defined as weight of less than 2500 grams at birth.*

- In 2012, Special Delivery successfully case managed 59 pregnant women.
- 88.1% (52) gave birth to normal birth weight babies
- 6.8% (4) of the babies were born with low birth weight
- One infant was born at a very low birth weight.

Special Delivery Case Management Birth Weights

6.78% 1.70%

- Normal Weight
- Low Birth Weight
- Very Low Birth Weight

88.10%

- The Healthy People 2020 goal is for no more than 7.8% of births to be classified as low birth weight.
- In 2012, the percent of babies born with low birth weight for Frederick County was 8.2%
- Maryland was higher at 8.8%
- Special Delivery case management program was lower than both Frederick County and Maryland with 6.8% of low birth weight.

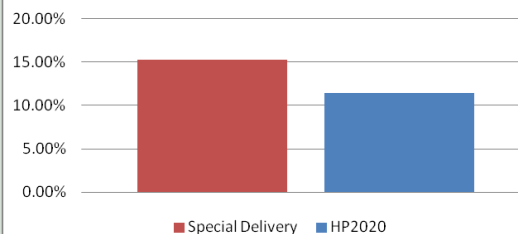**Percent of Babies Born with Low Birth Weight for Case Managment, Frederick County, Maryland, HP2020**

10.00%
8.00%
6.00%
4.00%
2.00%
0.00%

6.78%   8.20%   7.80%   8.80%

- Special Delivery
- Frederick County
- HP2020 Goal
- Maryland

Pre Term Birth

Live births occurring between 20 and 36 weeks of gestation are categorized as preterm births.

- Of the 59 women who successfully completed case management in 2012, nine babies were delivered preterm (15.3%).
- The March of Dimes goal is 9.6%, while the Healthy People 2020 goal is 11.4%.
- Not meeting the Healthy People 2020 goal could be associated with the risk factors.

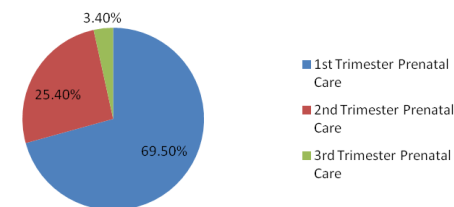**Percentage of Preterm Births: Case Management and Goal**

20.00%
15.00%
10.00%
5.00%
0.00%

- Special Delivery
- HP2020

Early Preterm Care

Early entry into prenatal care is defined as prenatal care beginning in the 1st trimester of pregnancy.

- In 2012, 69.5% (41) of the women who successfully completed case management, entered prenatal care in the first trimester.
- The Healthy People 2020 goal is to have 77.9% of pregnant women entered into prenatal care in the first trimester.
- Frederick County reported 76.5% of all women giving birth received prenatal care in the first trimester of her pregnancy.
- One of the risk criteria to be selected for case management outreach is more than 20 weeks gestation at first prenatal visit which could be a confounding factor for our low percentage.

Trimester Women Began Prenatal Care

3.40%

25.40%

69.50%

- 1st Trimester Prenatal Care
- 2nd Trimester Prenatal Care
- 3rd Trimester Prenatal Care

VITAL STATISTICS FORMULAS

* **Infant Mortality Rate:** Number of Infant Deaths/ Total Number of Live Births *then* (x1000)

* **% Low Birth Weight Births:** Number of Low Birth Weight Infants Born Alive/ Total Number of Live Births *then* (x100)

* **% Early Prenatal Care:** Total Number of Births Prenatal Care Began in the First Trimester / Total Number of Births Prenatal Care Began in the Any Trimester – including No Care and Unknown *then* (x100)

* **Infant Mortality Racial Disparity:** = One Racial Group's Infant Mortality Rate/ A comparison Group's Infant Mortality Rate.